

Automatic Shutter Control System.

The automatic exposure control system is designed to control a double blade rotary shutter mechanism for variable exposure of the film. By this technique a wider dynamic range of exposure is made possible as compared to any other system of controlled exposure.

This system is arranged for automatic shut-off when the illumination reaches ~~on~~ the minimum.

This minimum condition is calculated ~~by~~ on the basis of the longest exposure time ($\frac{1}{25}$ th second), the maximum aperture (F/2.3 or F/5.6) and the fastest ASA (400). When this illumination level is reached, ~~the~~ (as at dusk), the camera automatically shuts off and goes into standby condition. In addition, an auxiliary control is provided whereby up to two (2) stops underexposed condition can be preselected, thereby changing the illumination level ~~which~~ will first need to be reached before camera is shut down. This provides for the unusual requirements where any pictures ~~is~~ no better than none.